

State of UtahDEPARTMENT OF NATURAL RESOURCES Division of Oil, Gas & Mining

MICHAEL R. STYLER Executive Director JOHN R. BAZA Division Director

Inspection Report

Supervisor ADD

Minerals Regulatory Program

Date of Report: November 13, 2007

Mine Name: Monoclinic Operator Name: Bill Harrison **Permit number:** S0370085 **Inspection Date:** January 10,

2007

Time: 9:30-9:40 AM

Inspector(s): Paul Baker and Doug Jensen

Other Participants: Bill Harrison

Mine Status: Reclaimed

Weather: Clear, teens, up to six inches of snow on the ground

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	\boxtimes		
2. Public Safety (shafts, adits, trash, signs, highwalls)			
3. Protection of Drainages / Erosion Control			
4. Deleterious Material			
5. Roads (maintenance, surfacing, dust control, safety)			
6. Concurrent Reclamation			
 Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes) 			
8. Water Impoundments			
9. Soils			
10. Revegetation			
11. Air Quality	3.6		
12. Other			

Purpose of Inspection:

The operator had requested a variance from revegetation requirements and had also verbally requested release. I wanted to see if there was any sign of vegetation.

Inspection Summary:

1. Permits, Revisions, Transfer, Bonds

On October 31, 2005, the Division received a request for a variance from revegetation requirements, and on March 21, 2007, the Division received a request for site release. The Division's response to the variance request was that it would like to wait until the next growing season (2006) to see if the seeding was successful.

The BLM closed its case file for this site on January 17, 2006.

10. Revegetation

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S0370085

Because the site was covered with snow, it was not possible to see any low vegetation in the depressions. I had made undocumented visits to the mine in the summer of 2006, and there were no signs of germination.

I only know personally of one time the operator has seeded, but he told me he has seeded four times. I do not know what methods were used the first three times, but the methods used on the fourth attempt are shown in photos included in a report for an October 5, 2005, inspection. The area was left very rough, and seed was applied shortly after surface preparation.

Conclusions and Recommendations:

This is a previously disturbed site, and I suspect the soils are either acidic or have toxicity problems. Very few volunteer plants have become established in any of the disturbed areas, and there are not even any weeds. I feel the operator has done everything practical to establish vegetation and that the Division should release the site. No surety is being held.

LBM Date: 11/16/07

Inspector's Signature

PBB:pb

cc:

Bill Harrison, operator

Rebecca Doolittle, Moab BLM

Attachment: Photos

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ATTACHMENT

Photographs S0370085, Monoclinic Mine, Bill Harrison

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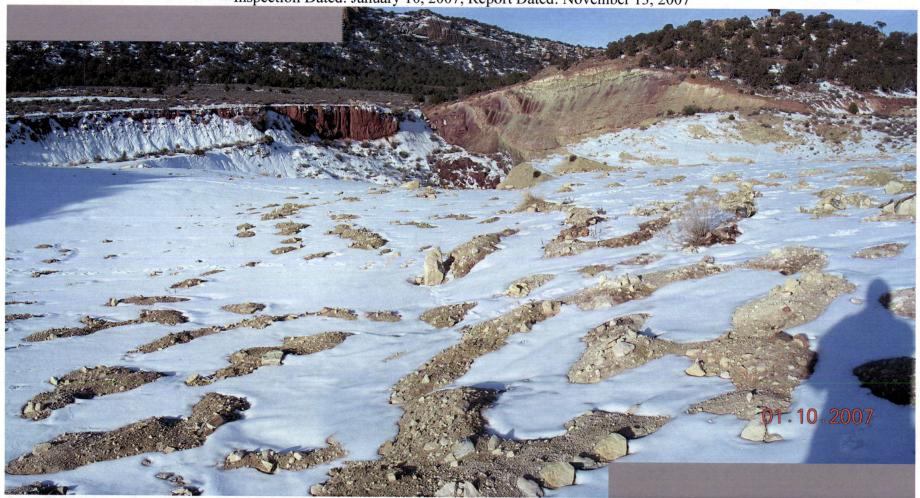


Photo 1. An overview of the an area that was roughened and seeded in 2005. In this inspection and in an undocumented site visit in the summer of 2006, I saw no sign of vegetation establishment from seed.